

CZECHOSLOVAKIA

L. HANZLICK and L. ERMAN, Psychiatric Research Institute (Vyzkumny ustav psychiatriky,) Prague.

"Changes in ATP Level With Chlorpromazine Loading."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 192-193.

Abstract : Studies in 17 men, mostly schizophrenics: determine ATP and ADP blood levels, give 100 mg. chlorpromazine and retest 1, 2,, 4, 12, and 32 minutes later. Generally the levels increased when the patient was in a phase of improvement, decreased with a trend toward deterioration, changes being particularly striking during the first few minutes after chlorpromazine (i.v.) Two graphs.

1/1

21

HANZLICEK, L., ERMAN, L. APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617910006-1"

Changes in the level of adenosine phosphoric acids after chlorpromazine loading. Cesk. Psychiat. 60 no. 1:5-13 F '64.

1. Vyzkumny ustav psychiatriky, Praha.

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ERBAN, L.; HAMZICEK, L.; Technicka spoluprace PUCEROVA, L.

Significance of the determination of the ADP/ATP quotient in
psychotic states. Cesk. psychiat. 61 no.4:217-221 Ag '65.

1. Vyzkumny ustav psychiatricky v Praze.

KRIM, L.; KUDRICK, I.

Effect of the oxygen milieu on the surviving of leucocytes of
schizophrenic and manio-depressive psychotic patients. Czech.
psychiat. no. 61 no. 6: 402-407 n° 65.

1. Vynikomy ustan psychiatricky v Praze.

L 34707-56

ACC NR: AP6025218

SOURCE CODE: CZ/0083/65/000/004/0217/0221

12

B

22

AUTHOR: Erban, L. (Prague); Hanzlicek, L.--Ganzlichek, L.

ORG: Research Institute for Psychiatry, Prague (Vyzkumny ustav psychiatricky)

TITLE: Importance of the determination of the ADP/ATP ratio in psychotic states

SOURCE: Ceskoslovenska psychiatrie, no. 4, 1965, 217-221

TOPIC TAGS: blood chemistry, psychiatry, psychophysiology, psychoneurotic disorder

ABSTRACT: The ratio of ADP/ATP was determined in 27 hospitalized patients; 25 of the 27 patients were psychotic. Healthy subjects showed a ratio of 0.39 ± 0.32 , while the patients showed a ratio of 2.91 ± 2.79 . The absolute level of ATP in blood is not as important as the ADP/ATP ratio, which expresses the ability to use economically the energy of cells. It is possible that this ratio is of importance not only in psychoses, but also in other disorders. The authors thank Engineer Z. Mokry of the Institute of Hygiene in Prague for the statistical assistance. Orig. art. has: 2 figures and 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 004

Card 1/1 myS

09/6 0587

L 44735-66

ACC NR: AP6032882

SOURCE CODE: CZ/0083/65/000/006/0402/0407

AUTHOR: Erban, L.; Hanzlicek, L.--Ganzlichek, L.

14
6

ORG: Psychiatric Research Institute, Prague (Vyzkumny ustav psychiatricky)

TITLE: Influence of an oxygen medium upon the survival of leucocytes in vitro in psychoses of the schizophrenic and manic-depressive group

SOURCE: Ceskoslovenska psychiatrie, no. 6, 1965, 402-407

TOPIC TAGS: psychoneurotic disorder, blood

ABSTRACT: Morphological changes of leucocytes in schizophrenic patients are discussed. An 8 hour period was used as the basic period for the aging of the leucocytes; in this time span pycnosis of the cells is completed. The ratio of pycnotic cells in oxidized blood to that in unoxidized blood was determined; there is a great discrepancy in these ratios between schizophrenic patients and healthy individuals. The leucocytes of the diseased patients are not capable of utilizing the oxygen supplied to them. The authors thank E. Peckove for taking blood samples. Orig. art. has: 1 figure and 2 tables. [Based on authors' Eng. abst.] [JPRS: 34,161]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 010

mjs

Card 1/1

CZECHOSLOVAKIA

ERBAN, E.; HANZLICEK, L.: Psychiatric Research Institute (Vyzkumny Ustav Psychiatricky), Prague.

"The Relation of the Oxygen Quotient of Leucocytosis (Qo_2) to the Severity of Mental Disorders Established on the Basis of Clinical Symptoms."

Prague, Ceskoslovenska Psychiatrie, Vol 63, No 1, Feb 67, pp 9-13

Abstract /Authors' English summary modified/: Evaluation of clinical symptoms was made by 68 experienced clinical psychiatrists, and a phenomenological rating scale for the seriousness of psychiatric symptoms was prepared on the basis of findings on 104 patients. The correlation between these findings and the oxygen content of the white blood cells Qo_2 (Y_o / Y) was established, and its quantitative aspects are discussed. 1 figure, 1 Table, 2 Czech references. (Manuscript received 1 Jul 66).

1/1

HANZLICEK, Zd.; RYNES, V.

CSAR

Pharmaceutical Museum of the ROH factory club for Pharmaceutical Services
(Lekarenske muzeum Zavodniho klubu ROH lekarenske sluzby), UNZ IV, of the
capital city of Prague

Bratislava, Farmaceuticky Obzor, No 3, 1963, pp 129-137

"An Unknown 'Privilegium' (Document of Privileges) of Prague Pharmacists
of the year 1652"

(2)

- /c -

CZECHOSLOVAKIA

HANZLICEK, Z; RUSEK, V.

Bratislava, Farmaceuticky obzor, No 5, 1963, pp 227-230

"News of the Activity of Groups Concerned with the History
of Pharmacy."

HANZLICEK, Zd.; RUSEK, V.

History of the Czechoslovakian Pharmaceutical Society. I.
Old period (1869-1919). Cesk. farm. 13 no. 3:137-142 Mr. '64.

1. Farmaceuticke museum zavodniho klubu ROH lekarenske sluzby
UNZ NV hlavnih mesta Prahy a Ustav dejin lekarnictvi farma-
ceuticke fakulty, UK, Bratislava.

*→

HANZLICEK, Z.

Use of precasts in the technology of casting. p.113. (Sklar A Meramik. Praha. Vol. 7, no. 4, April. 1957.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 7, July 1957. Uncl.

HANZLICEK, Z.

Use of epoxide resins in the production of very expensive and very large ceramic products.

p. 297 (Sklar A Keramik) Vol. 7, no. 10, Oct. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

CZECHOSLOVAKI/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding
Materials. Concrete.

H

Abstr Jour: Ref Zhur-Khim., No 8, 1959, 28180.

Author : Hanzlicek, Z.

Inst :

Title : Effect of Slip Water Content on the Quality of Cast
Porcelain Wares.

Orig Pub: Sklar a Keramik, 8, No 10, 304-306 (1958) (in Czech)

Abstract: The author has investigated the effect of slip water content (SWC) on the properties of electroporcelain (EP). The composition of the EP tested was as follows (wt%): clay 48.5, silica 27.2, feldspar 24.3; the SWC was varied between the limits of 28.8 and 35%.

Card : 1/3

CZECHOSLOVAKI./Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding
Materials. Concrete.

H

Ibs Jour: Ref Zhur-Khim., No 8, 1959, 28180.

tric and mechanical strength of EP bodies are obtained with SWC's of 31-32%. EP sections with lower SWC showed large pores, while sections of EP of higher SWC showed numerous small pores; the latter and other factors lower the quality of the EP. A convenient method of controlling SWC is the determination of the weight of 1 liter of slipl -- S. Glebov.

Card : 3/3

HANZLICEK, Zdenek

New raw materials for making sanitary ware. Sklar a keramik
12 no.4:107-109 Ap '62.

1. Vyzkumny ustav elektrotechnicke keramiky, Hradec
Kralove.

HANZICEK, Z.; RUSEK, V.

History of Czechoslovak pharmacy. Cesk. farm. 14 no.6:
285-288 Ag '65.

1. Farmaceuticke museum zavodniho klubu ROH lekarenske sluzby
hl. mesta Prahy a Ustav dejin lekarnictvi farmaceuticke fakulty
Univerzity Komenskeho, Bratislava.

HANZLICK, E.

The development of efforts to nationalize pharmacia in the
Czech lands. Czech. Farm. 14 no,3:127-135 Mr'65

1. Farmaceutické aro-zen. závodu Družstva klubu ROK Lekarneho oboru
člen NVP.

HANZLICKOVA, L; KALISTA, L.

Impetigo herpetiformis in relation to newer methods of
investigation and therapy. Cesk. derm. 25 no.7-8:278-281
July 1950. (CML 20:1)

1. Of the Second Dermatological Clinic in Prague (Head--
Prof. K. Hubschmann, M. D.).

BIELICKY, T.; HANZLICKOVA, L.

Effect of sub-shock dosage of insulin on allergic skin reactions. Cesk. derm. 26 no.10:455-458 Dec 1951. (CWL 22:1)

1. Of the Second Dermatological Clinic (Head--Prof. K. Hubachman, M. D.).

HANZLIK, J.

Simple reconstruction of the undercarriage of the KB-35 tractor. p. (4) of
cover.

MACHANISACE ZEMEDELSTVI, Praha, Vol. 5, no. 7, Apr. 1955.

EO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

HANZLIK, Jan, inz.

Experience with the operation of transferable belt conveyers
in surface mines. Uhli 4 no.12:413-416 D '62.

1. Vyskumny ustav pro hnedc uhli, Most.

HANZLIK, Jan

Macrolenes ruficollis F. (Col., Chrysomelidae) and Mylabris tenera
Germ. (Col., Meloidae), two species discovered recently in
Czechoslovakia. Cas entom 59 no.4:382-383 '62.

l. Ceskoslovenska spolecnost entomologicka pri Ceskoslovenske akademii
ved.

_____, etc.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Bratislava, Geograficky Casopis, Vol XIII, No 3, 1961, pp 195-211.

Dates: "Slovak Unification on the Eve of Imperialism."

GPO 981643

HANZLIK, Janusz

A case of unilateral exophthalmos with diplopia in Graves-Basedow disease. Endokry. pol. 13 no.3:425-431 '62.

1. II Klinika Chorob Wewnętrznych AM w Lublinie Kierownik: prof.
dr A. R. Tuszkiewicz.
(HYPERTHYROIDISM case reports) (DIPLOPIA etiol)

OBRUBA, K. HANZLIK, J.

SURNAME, Given Names

(2)

Country: Czechoslovakia

Academic Degrees: [not given]

Research Institute of Organic Synthesis (Forschungs-
institut fuer organische Synthesen), Pardubice-Rybitvi

Source: Prague, Collection of Czechoslovak Chemical Communications.
Vol 26, No 11, November 1961, pp 2950-2953.

Data: "Identification of Organic Compounds. XLII.
Paper Chromatography of Ethanalamine."

Authors:

✓ GASPARIC, J
✓ BORECKY, J
✓ OBRUBA, K
✓ HANZLIK, J

Also: Vol 26, No 11, pp 2954-2956, Authors: GASPARIC, J and HANZLIK, J (only):
"Identification of Organic Compounds. XLIII. Paper Chromatography
of Quaternary Alkylpyridinium and Ammonium Salts."

HANZLIK, Janusz; TYBURCZYK, Włodzimierz; LOPATYNISKI, Jerzy

On the effect of a brief administration of the preparation
linodoxine on the behavior of some indices of lipid metabo-
lism in the blood serum. Pol. arch. med. wewn. 33 no.5:
483-488 '63.

1. Z II Kliniki Chorób Wewnętrznych AM w Lublinie Kierownik:
prof. dr med. Alfred R. Tuszkielwicz.
(FATTY ACIDS) (PYRIDOXINE) (VITAMIN E)
(BLOOD LIPIDS) (BLOOD CHOLESTEROL)
(HEART DISEASES)

DVORAK, L.; HANZLIK, J.

Measurement of real middle velocity of underground water flow
in the Luze area. Vysl ban vyzk 3:147-155 '64.

1. Institute of Mining, Czechoslovak Academy of Sciences, Prague.

HANZLIK, Jan, alias, Vlastimil, Czechoslovak
ZEMELKA, Jana?

1960-1970

The experimental loop of the R3-1 Reactor, Jaslovske Bohdane
10 no. 17A394, PWR N 761.

1. Institute of Nuclear Research of the Czechoslovak Academy
of Sciences, Rez near Prague (c. Kraluv Mchle), Czech
Yugoslavia National Enterprise Vinet (the Petrovsky and
Velarsky valley). Rehbergstrasse, Prague, 11. Hanrich.

HORNÝK, J.

Vitezoslav Cintula; a die ružicu srdca a jiné litografické díla. Works. p. 115.

SKLADATELSKÝ SLOVÁK, Vol. 4, no. 3/4, 1954.

(Slovenská tiskárna vied) Bratislava.

SFRCC: East European Accessions list

Vol. 4, No. 11 November, 1955

HAVELJÍK, J.

Geophysics, the most important aid in geologic research and exploration. p. 241.
VÝSTAVK, Prague, Vol. 29, no. 6, 1954.

SO: Monthly List of East European Accessions, (EMAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

HANZLIK, J.

HANZLIK, J.; MAZUR, E.

HANZLIK, J.; MAZUR, E. 6th Congress of Czechoslovak Geographers in Smolenice. p.230.

Vol. 7, no. 3/4, 1955, GEOGRAFICKY CASOPIS, BRATISLAVA, CZECHOSLOVAKIA.

SO: Monthly List East European Accessions. (EEAL), LC, Vol. 5, No. 10, Oct. 1956.

HANZLIK, J.; BUCKO, S.

"The 7th Congress of Czechoslovak Geographers in Brno."

p. 230 (Geographical Institute, Slovak Academy of Sciences) Vol. 9, no. 4, 1957

SO: Monthly Index of East European Accession (EEai) LC, Vol. 7, no. 5, May 1958

HANZLIK, J.

Economic geography in the Geographical Society of the USSR during the 40 years of Soviet rule. p. 294

GEOGRAFICKY CASOPIS. (Slovenska akademie vied. Zemepisny ustav) Bratislava, Czechoslovakia

Vol. 10. no. 4, 1958

Monthly list of East European Accessions (EEAI) LC. Col. 9, No. 1 January 1960
Uncl.

RYBICKA, Zofia; WISNIEWSKA, Maria, HANZLIK, Janusz

Two cases of intestinal strongyloidosis treated with gentian violet. Wiad. parazyt. 9 no.6:563-565 '63

1. II. Klinika Chorob Wewnetrznych Akademii Medycznej, Lublin.

TUSZKIEWICZ, Alfred.R.; HANZLIK, Janusz

A case of atrial infarction. Pol. tyg. lek. 18 no.43:1607-
1610 21 0'63.

1. Z II Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik:
prof.dr.med. A.R.Tuszkiewicz.

*

HANZLIK, Janusz; WOZNIAK, Franciszek; LOPATYNISKI, Jerzy

Generalized thrombosis in arteriosclerosis. Pol. tyg. lek. 19
no.36:1376-1377 7 S '64.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w
Lublinie (kierownik: prof. dr Alfred R. Tuszkiewicz) i z
Zakładu Anatomii Patologicznej Akademii Medycznej w Lublinie
(kierownik: prof. dr Stanisław Mahrburg).

BERBEN, Henryk; HANZLIK, Jozef; JAWICKA, Leszek; KOWALEWSKI, Janusz

Manganese and other cellular and extracellular elements in experimental arteriosclerosis. Pol. arch. med. wetn., 31 no.68677-681, '74

J. Z. W. Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie (Kierownik prof. dr. med. R. Szkielik), i w Centralnym Laboratorium Klinicznym PCK L (Kierownik doc. dr. med. T. Baranowska).

HAMILTON, James R.

Studies on the chemical composition of vascular wall. Pt. I.
Pol. arch. med. wewnet. 35 no.6:771-777 '65.

J. z II Kliniki Chorob wewnętrznych AM w Lublinie (Kierownik:
prof. dr. med. A.R. Tuszkieliewicz) i z Centralnego Laboratorium
Klinicznego PSK Nr. 1 w Lublinie (kierownik: doc. dr. med. T.
Borkowski).

...szczególnie, że pacjent był całkowicie zdrowy.

A case of endocardial fibroelastosis in an adult patient.
Wiad. lek. 18 no.9:777-779 - 1 My '66.

1. Z Zakładu Anatomii Patologicznej AM w Lublinie (Kierownik:
doc. dr. med. M. Kozynek) i z II Kliniki Chorób Niereń i Trzustki AM
w Lublinie (Kierownik: prof. dr. med. A.P. Tuszkiewicz).

JUROWICZ-TROJNACKA, Irena ; HANZLIK, Janusz

A case of generalized tuberculooids of the lymphatic nodes with co-existence of bronchial cancer and pleural empyema. Ann. Univ. Lublin sect. D 19:285-289 * 64.

1. Katedra i Zaklad Radiologii, Wydzial Lekarski, Akademia Medyczna w Lublinie (Kierownik: doc. dr. med. Kazimierz Skorzyński) i Katedra i II Klinika Chorob Wewnętrznych, Wydział Lekarski AM w Lublinie (Kierownik: prof. dr. med. Alfred R. Tuszkielowicz).

HANZLIK, Janusz

Studies on the composition of the arterial wall. Part. 2.
Pol.-arch. med. wewnet. 35 no.8:1209-1213 '65.

1. z II Kliniki Chorób Wewnętrznych AM w Lublinie (Kierownik: prof. dr. med. A.R. Tuszkiewicz) i z Centralnego Laboratorium Klinicznego PSK Nr. 1 w Lublinie (Kierownik: doc. dr. med. T. Borkowski).

L 01962-67 T-2/EWP(f) WW

ACC NR: AP6028175 (A) SOURCE CODE: CZ/0078/66/000/006/0016/0016

AUTHOR: Mulak, Jiri (Engineer; Prague); Sykora, Dalibor (Engineer; Prague);
Hanzlik, Jan (Engineer; Prague)

ORG: none

39
B

TITLE: Centrifugal compressor with three pressure levels. CZ Pat.
No. PV 3419-64, Class 27

SOURCE: Vynalezy, no. 6, 1966, 16

TOPIC TAGS: compressor design, centrifugal compressor, compressor blade, diffuser

ABSTRACT: A centrifugal compressor designed for the primary loops of nuclear power plants and which may also be used for pumping three proportional quantities of fluid from a single pressure level to three different levels is introduced. The outer diameter of the impeller blades designed for the first and second pressure level is staggered, and the channels of the impeller have outlets leading into two separate diffusers.

[KP]

SUB CODE: 13/ SUBM DATE: 10Jun64

Cord 1/1 gd

HANZLIK, Jiri, inz.; MAZAC, Oldrich, inz.

Use of telluric currents in examining the beds underlying the Bohemian Cretaceous. Geol pruzkum 5 no.3:74-75 Mr '63.

1. Ustav uzite geofyziky Brno, pracoviste Praha.

Z/508/60/000/000/009/018
E039/E120

AUTHOR: Hanzlik, Jiri

TITLE: Preparation of WO_3 single crystals

SOURCE: III. Konference o monokrystalech. Prague, Výzkumný ústav pro minerály, 1960. 129-135

TEXT: The methods available for the preparation of single crystals are described and their deficiencies pointed out. In this work precipitated and pre-annealed WO_3 powder was used. The impurity content was as follows: oxides of the R_2O_3 type, 0.02%; CaO, 0.03%; Mo, 0.05%; SiO_2 , 0.01%; As, 0.003%; S, 0.01%. A sublimation method was chosen for growing the crystals in a retort constructed from silica glass. In order to avoid impurities from the wall the retort was filled with the WO_3 powder over more than the heated length so that there was effectively a boat of molten WO_3 covering the wall. The useful length of the heated region in the temperature range 1300 - 1450 - 1300 °C was 10 cm, and the internal diameter of the retort 16 mm. The retort was heated by means of a tubular furnace and was incompletely closed by a glass or ceramic stopper. Homogeneous crystals of maximum

Card 1/2

Preparation of WO_3 single crystals Z/508/60/000/000/009/018
E039/E120

size were grown in the temperature range 1200 - 1300 °C (0.6 x 0.3 x 0.05 mm) which are comparable with those described in the literature. At 1430 °C the crystallization is different and forms three typical bands: a) at 1430 - 1410 °C there are WO_3 dendrites at the wall and occasionally flat, rectangular single crystals ~1 x 3 x 0.1 mm; b) at 1430 - 1390 °C the material is fully compacted after cooling and has a dendritic structure; the crystals grow along the main axes of the dendrites; c) at 1380 - 1360 °C there is intensive crystal growth. At a maximum furnace temperature of about 1440 °C the average growth of the individual crystals is ~0.12 g/h with ~4 crystals per cm^2 . If the furnace temperature drops below 1430 °C and approaches 1380 °C non-typical crystals are produced which combine the high number of crystallization centers of the low temperature growth and the formation of large single crystals which is characteristic of the high temperature growth. There are 5 figures.

ASSOCIATION: Fysikální ústav ČSAV, Praha
(Physics Institute, Czech AS, Prague)

Card 2/2

243500 1035, 11/4, 1995

10000
Z/00513R000617910006-1
A121/A127

AUTHORS: Hanzlik, Jiri, Doctor, and Blecha, Jiri, Engineer (Prague)

TITLE: None given

PERIODICAL: Vynalezy, no. 12, 1960, 8

TEXT: (2lg, 18/02; Registered September 14, 1959; Patent Application 5279-59). Production method of alpha-laminate type scintillators. Its characteristic is that a solution of a mass soluble by the solvent is cast to a smooth, for example glassy base plate, whereupon the base plate is covered by an impermeable cover, the tilting of which is governed by the solutions evaporation in a way forming a bright dustless foil of up to 2μ thickness representing the protective layer. To it a metallic layer is vaporized lightproof from both sides, which is coated by a luminophore emulsion being dispersed in a viscous solution of a plastic material by a solvent, the evaporation of which is prevented by a tight fitting cover. Thus, after a sedimentation of several days an equal luminophore layer is formed on the metallic foil and above it the stronger basis of the plastic material and the solvent arises which is permitted to evaporate slowly
Card 1/2 X

None given

Z'005,70,000/012/019/031
A121/A127

X

after partial loosening of the cover in such a way that the basis surface becomes glassy and smooth. After total drying the entire system is submerged in water to solve the obtained laminate from the glassy basis. Twelve points of the definition of the patent follow.

Card 2/2

42962

S/058/62/000/011/021/061
A062/A101

AUTHORS: Hanzlik, Jiří, Blecha, Jiří

TITLE: Method of preparing an α -scintillator from a laminated plastic

PERIODICAL: Referativnyy zhurnal, Fizika, no. 11, 1962, 77, abstract 11V524
(Czechosl. pat. cl. 21g..18/02, no. 99880, June 15, 1961)

TEXT: The authors describe a method of preparing a scintillator for recording α -particles on the basis of the luminescent compound ZnS (Ag) introduced into polystyrene. An emulsion from the luminescent compound and a plastic in benzol is poured onto a glass plate of the 15 x 15 cm² size onto which a layer of polystyrene, 2 μ thick, had previously been polymerized. This layer serves to protect the scintillator from damages. The separation of the scintillator from the glass backing is effected by placing into water or mechanically. The phosphor, the solvent and the plastic can be varied.

V. Arkhangel'skaya

[Abstracter's note: Complete translation]

Card 1/1

HANZLIK, Jiri, dr.

Preparation of photoresistors of sintered cadmium sulfide.
Slaboproudý obzor 22 no. 5:303-306 '61. (EPAI 10:7)

1. Tesla, Liberec, n.p. vyzkumný závod Premslení.
(Photoelectric cells) (Cadmium sulfide)

HANZLIK, Jiri

Silicon based semiconductor detectors. Jaderna energie
8 no.10:366-367 0 '62.

CISARIKOVA, Jarmila, inz.; HANZLIK, Jiri, kandidat geologicko-mineralogickych
ved, inz.; MAZAC, Oldrich, inz.

Modern methods of telluric measurement computation. Geol
pruzkum 6 no.1:16-17 Ja'64.

1. Vyzkumne vypocetni stredisko Kancelarske stroje, Praha;
Ustav uzite geofyziky, Brno, pracoviste Praha.

L 43585-65 ENT(1)/ENT(m)/EEC(b)-2/T/EWA(h) PI-4 IJF(c) GG

ACCESSION NR: AF5009575 Z/0000/62/000/000/0109/0111

AUTHOR: Hanzlik, J. (Ganzlik, L.)

TITLE: Use of single and poly-crystals in testing the photoelectric resistance of cadmium sulfide

SOURCE: Konference o monokrystalech. 4th, Turnov, 1961. Sbornik referatov. Turnov, VUM, 1962, 109-111

TOPIC TAGS: radiation dosimetry, photoelectric resistance, cadmium sulfide crystal, single crystal, semiconductor crystal, activator distribution

ABSTRACT: In a follow-up of the author's previous study on the effects of heat treatment on CdS (Cu), he now presents findings on the distribution of activators in this compound when used as a photoelectric conductor. At high temperatures, single crystals are formed by sublimation or recrystallization, and activators collect on the surface of these new crystals. After staining polished crystal slides with 0.02 N HCl + 1% K₄Fe(CN)₆, the substructure became visible, which was accepted as conforming to the activator distribution. This structure was made visible by Hattchet brown forming where the maximum activator concentration occurred in the form of a very fine sharp coating barely contrasting with the yellow CdS.

1/3
Card

L 43585-65

ACCESSION NR: AT5009575

The author then presents a detailed discussion of his conjectures as to how layers of enriched activators are formed within single crystals as they recrystallize. Since the CdS (Cu) surface assumes a distinctly red tone, the author explains how maximum photoelectric sensitivity is shifted toward longer wavelengths due to the surface layer acting as a filter for the underlying crystals. The optimal effect occurs when the least light is absorbed, which is proved by the sharp decline in photoelectric resistance when the optimal activator concentration is exceeded. The author concludes from the above that both single and poly-crystals have a continuous layer of enriched activators, whose chemical character remains the same under both high and low temperatures. The present experience in making photoelectric resistors confirms their sensitivity, reproducibility and stable measured values; their spectral sensitivity and other physical properties are closely related to the existence and geometric disposition of such layers. Sintered CdS (Cu) photoelectric resistors made in Czechoslovakia under the designation FOS 14 have proved equal to those produced abroad as to both translucence and ionic radiation detection. FOS 14 and ORP 30 detectors have a sensitivity of about 1.2×10^{-3} $\mu\text{A}/\mu\text{r/sec.}$ and can measure Co-60 radiation in the interval 10 to 10^3 r/hr. Orig. art. has: 6 figures and 1 table.

Card 2/3 Submitted DO

HANZLIK, Josef
SURNAME, Given Names

Country: (Czechoslovakia)

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 2, 1961,
pp 179-184.

Data: "The Hyperthermal Spring in Sapareva Bania in Bulgaria."

Authors: MUNDROV, Dimitrii /presumably Bulgaria/

HANZLIK, Josef, Czechoslovakia

6PO 981643

PLATE 615 Miroslav

CH Alkyd resins formation modified by drying-oil fatty acids. Josef Meziva, Vladimir Hanzlik, Miroslav Hanzlik, and Brantlick Kadlecck. *Chem. Prum.* 48(1), 445 (1964).—Polyglycerols are formed during the synthesis of alkyds at higher temps. A linseed-oil-modified alkyd of Alkydal T type was used for expt.; and acid no., hydroxyl no. and water formation were closely followed during the reaction. About 0% polyglycerols were analytically found in the glycerol component isolated from the alkyd. Polyglycerols formed not only during the esterification, but also during the prepn. of the monoglyceride if the temp. was sufficiently high. It is emphasized that the hydroxyl no. should be closely watched during the reaction. Any drop indicates formation of polyglycerols and danger of gelation. L. A. Helwic
Crazing of acrylic resins. W. T. Sweeney, G. M. Brauer, and I. C. Schoonover (Natl. Bur. Standards, Washington, D.C.). *J. Dental Research* 34, 308-12 (1955).—Crazing (appearance of small surface cracks in acrylic dentures and plastic teeth) is explained by contact of linear Me methacrylate polymer with H₂O during processing at elevated temps, and does not occur if the material is protected from H₂O during processing. Sorption of excess H₂O at elevated temps. causes supersatn. with H₂O of the surface of the material on cooling. Evapn. of this excess H₂O sets up strains which eventually are released by the formation of craze marks. Craze resistance is increased by cross-linking. Joseph S. Heppen

⑥ MFT

HANZLIK, Hanzlik, Phanizlau

Kinetics of formation of the 2,2-di(*p*-chlorophenoxy)propane. Vladimír Hanzlík, Miroslav Hanzlík, and Vanda Babická. *Chem. Průmysl* 6, 291-4 (1958).—Optimum conditions for the prepn. of (*p*-HOC₆H₄)₂CMe₂ (I) are found to be as follows: 1 mole acetone and 1.5-1.85 moles PhOH are condensed in the presence of concd. HCl or H₂SO₄ (max. concn. 75%) at 40°. The condensation time may be considerably shortened by the use of a mixt. of HSCH₂CO₂H and HBr acid as a catalyst. The reaction is bimol. in each case, catalyzed or uncatalyzed. From the solv. characteristics of I in different solvents and at various temps. it follows that the best yield and best purity are obtained by recrystn. from PhCl (yield 85-90%). L. A. Helvich

HM

3

HANZLIK, M.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Application. Lacquers. Paints. Lacquer and
Paint Coverings.

H-30

Abs Jour : Ref Zhur- Khimiya, No 17, 1958, 59368
Author : Hanzlik Vladimir, Hanzlik Miroslav, Mleziva Josef
Onst : -
Title : Epoxy Lacquers for Large-Diameter Wires.
Orig Pub : Chem prumysl, 1957, 7, No 12, 573-678

Abstract : Electroisolated lacquers(for heat drying) were prepared
for wires (with diameters >0.8 mm) on the basis of a
low molecular epoxy resin (type P40), modified by buta-
nol, of melaminoformaldehyde resin (type melform 40)
and an acid hardener. As a hardener acid, ethers of
glycol or glycerine and of different 2-base organic acids
from oxalic to sebacic, maleic and phthalic were used.

Card 1/1

HANZLIK Rudolf, inz., KLIKES Miloslav, inz., VITEK Jan, inz. C.S.
APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617910006-1

Development of bridge structures. Inz stavby 10 no.12:441-445
D '62.

1. Stavby silnic a zeleznic, n.p., Praha.

HANZLIK, V.

CZECH

Present stand and development of alkyd resins. J.
Mlejiva and V. Hanzlik. *Chem. Průmysl* 4(29), 139-41
(1951).—A review of existing situation of the production
methods and trends in research. L. A. Hevliček.

VLADIMIR

Alkyd resins formation modified by drying-oil fatty acids.

*Ch. Josef Mleziva, Vladimír Hanzík, Miroslav Hanzík, and
František Kadlecek. Chem. Prum. 4(20), 442-4 (1954).—
Polyglycerols are formed during the synthesis of alkyds at
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About 9% polyglycerols were analytically found in the
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It is emphasized that the hydroxyl no. should be closely
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*Crazing of acrylic resins. W. T. Sweeney, G. M. Brauer,
and I. C. Schonover (Natl. Bur. Standards, Washington,
D.C.). J. Dental Research 34, 308-12 (1955).—Crazing
(appearance of small surface cracks in acrylic dentures and
plastic teeth) is explained by contact of linear Me meth-
acrylate polymer with H₂O during processing at elevated
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H₂O during processing. Sorption of excess H₂O at elevated
temps. causes supersatn. with H₂O of the surface of the ma-
terial on cooling. Evapn. of this excess H₂O sets up strains
which eventually are released by the formation of craze
marks. Craze resistance is increased by cross-linking.* Joseph S. Hepburn

DMT

Czechoslovakia /Chemical Technology. Chemical Products I-25
and Their Application

Synthetic polymers. Plastics.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32464

Author : Mleziva J., Hanzlik Vl.

Title : Alkyd Resins Based on Pentaerythritol

Orig Pub: Chem. prumysl., 1955, 5, No 10, 422-427

Abstract: A method has been developed for a complete analysis of the reaction mixture obtained on alcoholysis of triglycerides with pentaerythritol (I) and esterification with phthalic acid. Glycerol, I and monoglycerides are determined by the usual method, mono- and diester of I -- from the amount of water that is split off in

Card 1/3

Czechoslovakia /Chemical Technology. Chemical Products I-25
and Their Application

Synthetic polymers. Plastics.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32464

the quantitative reaction with benzaldehyde,
which yields acetal derivatives; the content
(summative) of diglyceride, tri- and tetraester
of I, and also the proportion between mono- and
diester are determined from saponification
value, hydroxyl number and content of fatty
acids, using a triangular diagram for the com-
putations. Over-esterification can also be
checked by measuring the dielectric constant as
the reaction proceeds. In the process of alcoh-
olysis and subsequent esterification a partial
decomposition of I occurs: in the distillates
were found CH₂O, CH₃OH, methacrylaldehyde and

Card 2/3

Czechoslovakia /Chemical Technology. Chemical Products I-25
and Their Application

Synthetic polymers. Plastics.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32464

H₂O. It is assumed that during the production
of alkyd^s there is also formed a certain amount
of monoformal of I, which was first detected by
the authors on thermal decomposition of I. An-
alytical procedures are described.

Card 3/3

Kinetics of formation of the 2,2-Me₂(*o*-nitrophenyl)propane. Vladimír Hanžlík, Miroslav Hanžlík, and Vanda Babická. *Chem. Průmysl* 6, 201-4 (1956).—Optimum conditions for the prepn. of (*p*-HOC₆H₄)₂CMe₂ (I) are found to be as follows: 1 mole acetone and 1.5-1.85 moles PhOH are condensed in the presence of concd. HCl or H₂SO₄ (max. concn. 75%) at 40°. The condensation time may be considerably shortened by the use of a mixt. of HSCH₂CO₂H and HBr acid as a catalyst. The reaction is bimol. in each case, catalyzed or uncatalyzed. From the solv. characteristics of I in different solvents and at various temps, it follows that the best yield and best purity are obtained by recrystn. from PhCl (yield 85-90%). L. A. Helwicht

3

HANZLIK VL.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Application. Lacquers. Paints. Lacquer and
Paint Coverings.

H-30

Abs Jour : Ref Zhur- Khimiya, No 17, 1958, 59368
Author : Hanzlik Vladimir, Hanzlik Miroslav, Mleziva Josef
Onst :
Title : Epoxy Lacquers for Large-Diameter Wires.
Orig Pub : Chem prumysl, 1957, 7, No 12, 573-678

Abstract : Electroisolated lacquers(for heat drying) were prepared
for wires (with diameters >0.8 mm) on the basis of a
low molecular epoxy resin (type P40), modified by buta-
nol, of melaminoformaldehyde resin (type melform 40)
and an acid hardener. As a hardener acid, ethers of
glycol or glycerine and of different 2-base organic acids
from oxalic to sebacic, maleic and phthalic were used.

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617910006-1

CATEGORY : Chemical Technology. Chemical Products and Their
Applications--Lacquers. Paints. Coatings.
ABS. JOUR. : RZhKhim., No. 16 1959, No. 59232

AUTHOR : Mleziva, J., Hanzlik, V., Hanzlik, M., and Tan-
INST. : not given
TITLE : Wire Enamels Based on Epoxy Resins

ORIG. PUB. : Plaste u Kautschuk, 5, no 7, 265-266 (1958)

ABSTRACT : The authors have investigated the effect of
various acid curing agents (dibasic acids and
their acid low-molecular weight polyesters) on
the properties of three-component (containing
an epoxy resin, melamine-formaldehyde resin, and
the acid curing agent) wire enamels. Tests were
run on the mechanical and chemical properties
of the enamel films, and it was found that enamels
of the composition described are particularly
suited for the coating of copper wire of all
sizes.

s. Shemyakin

CARD: 1/1 *chyna, J.

15.8060

42954

S/081/62/000/022/072/088

B166/B144

AUTHORS: Mleziva, Josef, Hanzlik, Vladimir

TITLE: A method of producing polyamides

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 535, abstract
22P370 (Czech. patent 98358, Jan. 15, 1961)

TEXT: Polyamides with an amine number 20-510 are produced by the interaction at 100 - 250°C of polyamines containing >2 NH₂ or NH groups (e. g. ethylene diamine, diethylene triamine, polyethylene polyamines, etc) with polycarboxylic acids of the R₁OCH₂COOH_x type (where R is phenylene or dialkyl phenylene, x =2-3), or with their alkyl, aryl and halogen derivatives and esters, or with mixtures of these and polymerized fatty acids, such as for example the acids of linseed and soya oil (or their esters); the content of the aforesaid acids in these mixtures being from 99 : 1 to 1 : 99. The ratio of COOH or ester groups and amino groups in the components of the reaction mixture is from 1 : 0.9 to 1 : 10. The presence of phenol radicals in the dicarboxylic acids, particularly

X

Card 1/2

A method of producing polyamides

S/081/62/000/022/072/088
B166/B144

$C_6H_4C(CH_3)_2C_6H_4$, raises the softening point of the resins as well as the hardness and chemical stability of the final products. Example. 90 parts by weight propane diphenoxy acetic acid, 172°C, and 65 parts by weight diethylene triamine are heated for 4 hrs in an N_2 atmosphere at 200°C and finally the pressure is reduced to 400 mm Hg for 30 min. The resin produced has the amine number 282 and contains 13.5% N. [Abstracter's note: Complete translation.]

Card 2/2

HANZLIK, Vaclav, dr.

Collective machine operation, an important element in raising the effectiveness of national economy. Prace msda 9 no.10:452-457
0 '61.

(Industrial management)

HANZLIK, Vaclav

Technical development and new rules for granting bonuses. Kozarstvi
12 no.12:349-350 D '62.

1. Ministerstvo spotrebnih prumyslu.

HANZLIK, Vaclav, dr.

Re-establishment of the bonus system, a responsible present task. Sklar a keramik 13 no.1:19-20 Ja '63.

1. Ministerstvo spotrebniho prumyslu.

HANZLIK, Vaclav, dr.

New bonus and reward system for technical development.
Drevo 18 no.3:84-85 Mr '63.

1. Ministerstvo spotrebniho prumyslu.

HANZLIK, Vaclav, dr.

Material incentives help to ensure the fulfillment of tasks
in the wood industry. Drevo 20 no.2:41-43 F '65.

1. Ministry of Consumer Goods Industry, Prague.

HANZLIKOVÁ, E.

"Micropaleontologic-Stratigraphic Evaluation of the Zukov MP 15 Bore", P. 85,
(SBORNÍK, ODDIL PALEONTOLOGICKÝ, Vol. 20, 1953, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3,
Mar 1955, Uncl.

HANZLIKOVÁ, E.

A study of the age of the layers deposited closely above the Bassino cretaceus formation from the microbiostatigraphic viewpoint. p.163.

VESTNIK, Prague, Vol. 29, no. 4, 1954.

SO: Monthly List of East European Accessions. (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

HANZLIKOVÁ, E.

GEOGRAPHY & GEOLOGY

Periodical: VESTNIK. Vol. 33, no. 3, 1958.

HANZLIKOVÁ, E. The Cenomanian from Dub in the foothills of the Moravian-Silesian Beskids. p. 170.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February, 1959, Unclass.

HANOLIACOVÁ, J.

"Preliminary report on the microbiostratigraphic conditions of Stora Luhova Highland."

VESTNIK, Praha, Czechoslovakia, Vol. 33, No. 6, 1958

Monthly list of EAST EUROPEAN ACQUISITIONS (EEAI), LC, Vol. 8, No. 7, July 1958, Unclass

GOMOLA, V. [Homola, V.]; GANZLIKOVÁ, E. [Hanzlikova, E.]

Exploration of natural gas deposits in Ostrava and Beskyd
Mountains area. Prace ust naft 18:29 '61.

HANZLIKOVÁ, EVA

SURNAME, GIVEN NAMES

Country: Czechoslovakia

Academic Degrees: /.../ot 1970/

Affiliation: C. civil engineer in the field of chemical and nuclear technology, Institute

Source: MIA, Ministry of Internal Affairs, Prague, Czechoslovakia, 1970, no 5, 6,

Data: 1970, age 25, married, living in Prague, 11th District, number, 123456.

Additional information, 1970
Soviet citizen, married

SP0 98164

HANZLIKOVÁ, Eva

Geological distribution of microorganisms in the Cretaceous and
Paleogene of the Beskydy Mountains of Moravia-Silesia. Geol prace
63:61-68 '62.

1. Ustredni ustav geologicky, Praha.

CZECHOSLOVAKIA

HANZLIKOVÁ, E.

Central Geological Institute (Ustredni ustav geologicky),
Prague

Prague, Vestnik ustredniho ustavu geologickeho, No 5, 1963,
pp 325-327

"Globotruncana helvetica posthelvetica n. susp. from the
Carpathian Cretaceous."

ROTH, Zdenek; HANZLIKOVÁ, Eva; CICHA, Ivan

Bore holes in cretaceous and Paleogene layers between
Mnisi and Lichnov near Frenstat pod Radhostem.
Cas mineral geol 8 no.1:49-60 Ja '63.

HANZLIKOVÁ, Eva, dr.; ROTH, Z., dr.

Review of the Cretaceous stratigraphy of the Flysch zone in West Carpathians. Geol. sbor. 14 no.1: 37-81 '63.

Lithofacies, biofacies, and sedimentary conditions in the Cretaceous beds of the Flysch zone in the Czechoslovak Carpathians. 83-108

1. Central Geological Institute, Prague 1, Hradčanská 9.

HANZLIKOVÁ, Eva, dr.; ROTH, Zdenek, dr.; GABRIELOVÁ, Nadežda, promovany
geolog.

A note to the stratigraphy and occurrence of the Tertiary
autochthonous sediments of the Bohemian Massif in the sub-
stratum of the Moravia-Silesian Beskids. Geol. sbor. 14 no.1:
193-207 '63.

1. Central Geological Institute, Praha, 1, Hradčanské nám. 9.

HANZLIKOVÁ, Eva; ROTH, Boňek

Discovery of *Calpionella alpina* Lorenz species in the Teschen limestone.
Vest. mat. geol. 39 no. 5:387-399 3 1964.

1. Central Geological Institute, Prague.

HANZLIKOVÁ, Jana; PUDLÍK, Václav

Contribution to the information on the facies development of the
Lower Palaeocene section of the Ríčka series of the Magura Flysch.
Vest. Mat. geol. 3: no.6:419-428 N 164.

i. Central Geological Institute, Prague and Československé
naftové výrobky National Enterprise, Brno. Submitted June 14,
1963.

HAP, Zdenek, inz.

Prepare in time conditions for the use of automatic computers in
the national economy. Podn org 18 no.11:516-517 N '64.

1. Central Committee of the Communist Party of Czechoslovakia.

PESL, Vaclav; MENCIK, Eduard; HANZLIKOVÁ, Eva

Pre-Magura series south of Jablunkov, Moravian-Silesian
Beskid Mountains. Vest Ust geol 39 no.3:189-199 My '64.

1. Central Geological Institute, Prague; Ceskoslovenske
naftove doly, Brno.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910006-1

HANZLIKOVÁ, Natasa

Geographical analysis of the employment of women in the industries of
the North-Bohemia region. Sbor zem 68 no.1:31-36 '63.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910006-1"

GUTMANN, E., HANZLIKOVÁ, V.; Physiological Institute, Czechoslovak Academy of Sciences (Fysiologicky Ustav CSAV), Prague.

"Motor Unit in Old Age."

Prague, Ceskoslovenska Fisiologie, Vol 15, No 2, Feb 66, pp 109-110

Abstract: Investigation of motoric reactions of rats is reviewed. The actual condition of the neuromuscular unit is discussed. In aging, some regressive changes and decreased cholinesterase activity are observed. The limitations of the motor unit in old age are a result of terminal regressions in the neuromuscular connections. Release of acetylcholine and cholinesterase activity are reduced. 2 Western, 2 Czech references. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65.

1/1

- 149 -

HAPANOWICZ-MACKIEWICZ, Z.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910006-1

2649
Hapanowicz-Mackiewicz Z. Botanical and Agricultural Characteristics of Five Varieties of Manchurian Jute (*Abutilon avicinnae*).
„Charakterystyka botaniczna i rolnicza pięciu odmian zasłazu”, (Prace Inst. Włok. No. 3), Warszawa, 1953, 14 pp., 8 figs., 16 tabs.

(2)
The description of research is preceded by an analysis of the following points: botanical characteristics of Manchurian jute, biological and agrochemical requirements of the plant, utility value of cultivated forms, the prospects of using Manchurian jute fibres and method of preliminary processing. The author deals with: 1) the estimation of the utility value of five varieties of Manchurian jute (climatic conditions for plant development, cultivation and fertilization, time and closeness of sowing, husbandry methods, behaviour of the plants during vegetation, harvesting, evaluation of the straw according to morphological recordings, processing the jute into fibres); 2) determining the reaction of four varieties of the plant to gradual decline of daylight (cultivation, sowing, behaviour of the plants during the period of vegetation, morphological value of the straw, grain crop).

Polish Technical Abst.
No. 1 1954
Agriculture, Food Processing
Industry, Forestry, Fisheries

HAPEK, Kazimierz, dr inż.

Analysis of hydrostatic bearings as applied to machine tools
with particular consideration of static stiffness. Przegl
mech 24 no.3:88 10 F '65.

1. Department of Machine Tools of the Warsaw Technical University.

CZECHOSLOVAKIA

BERKA, A; HAPALA, J

Institute for Inorganic Chemistry, Karlova University
(Institut für analytische Chemie, Karluniversität),
Prague - (for both)

Prague, Collection of Czechoslovak Chemical Communications,
No 1, January 1966, pp 222-232

"Determination of organic substances by means of oxidation
using permanganate. Part 2: Oxidation of some hydroxyl acids
and methanol using permanganate in an alkaline medium."

HAPALA, L.

TEC MI INSP

Periodical: YCARBC K Budapest 1956/57 (published 1957)

HAPALA, S. The protein fractions and vitamins of the Hungarian rice sorts.
p. 65

No thiy list of East European Accessions (EAI) 1G, vol. 1, No. 1,
May 1959, include.

HAPKA, S.

Determination of sugars by paper chromatography. p. 79

Budapest, Hungary. Szalmezesműkiányi Intézet. MÉDIÓK. Budapest, 1959.

Monthly list of East European literature (ISSN) 10, Vol XXXX, no. 2, Feb. 1960

Incl.

Harka, S. (and others)

Examination of the sugar, acid and vitamin content of different plant specimens and their qualifications. p. 80

Budapest, Hungary. Szelmezessrudimanyi Intezer. MEGROOK. Budapest, 1959.

monthly list of East European Accession (L...I) 1959, Vol. &XXXXXX, no. 9, Feb. 1960

Incl.

HAPKA, T.

Determining phosphorite molybdenite reagent with a colorimeter, p. 10. (ENERGETYKA, Stalinogrod, Vol. 9, no. 1, Jan./Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955,
Uncl.

HAPKA, T.

HAPKA, T. Determining phosphate in water by the method of visual VM. p. 303.

Vol. 9, No. 6, N_ov./Dec. 1955
ENERGETYKA
TECHNOLOGY
Warszawa, Poland

So: East Europeon Accession, Vol. 5, No. 5, May 1956

HAPKA, T.

SCIENCE

Periodicals: CHEMIK. Vol. 11, no. 7/8, July/Aug. 1958.

HAPKA, T. The problem of corrosion in chemical plants. p. 260.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959,
Unclass.

WAPNA, T.

PHASE I BOOK EXPLOITATION

POL/5557

Warsaw. Instytut Lotnictwa.

Prace Instytutu Lotnictwa. Nr. 12 (Aviation Institute. Papers. no. 12) Warsaw,
1960. 63 p. 500 copies printed.

Sponsoring Agency: Zjednoczenie Przemyslu Lotniczego.

Editorial Board: Chief Ed.: Stanislaw Antoni Witkowski, Master of Engineering;
Ed. of this issue: Halina Wyjanowicz, Master of Engineering.

PURPOSE: This publication is intended for engineers and scientific workers in
the aircraft industry.

COVERAGE: The publication contains articles on the coating and anodizing of
aluminum surfaces, improving the quality of rubber by polymers, and the
corrosive effect of hand prints. The articles are based on the authors'
own theoretical and laboratory research work and are especially valuable
for those working in the aircraft industry. Summaries accompany each article.
No personalities are mentioned. References follow each article.

Card 1/2

Aviation Institute

POL/5557

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1. Krajewski, S., Master of Engineering. Producing Protective Coatings on Aluminum in Baths Containing Hydrofluoric, Chromic, and Phosphoric Acid. A Contribution to the Knowledge of the Process	3
2. Krajewski, S., Master of Engineering. Anodizing Plated Duralumin Sheet in Sulphuric Acid Solutions at Elevated Temperatures	22
3. Pawłowski, W., Master of Chemical Sciences. Alcoxy- and Aroxy-siloxane Polymers and the Possibilities of Applying Them in the Polish Aircraft Industry	40
4. Hapka, T., Master of Engineering. A Tentative Determination of the Corrosive Properties of Hand Prints	61

AVAILABLE: Library of Congress

Card 2/2

AC/dwm/mas
9-19-61

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910006-1

MATULAY, K., Prof., MUDr.; KLUKAN, B., MUDr.; HAPL, F., MUDr.

Laboratory findings in pneumoencephalography; characteristics of
formative elements. Cesk. neur. 19 no.2:125-129 May 56.

1. Statna liecebna psychiatricka, Pezinok.
(BRAIN, radiography,
pneumoencephalography, laboratory aspects (Cz))

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910006-1"

HAPL, J

621.314.2.048 : 621-7

4557. Cooling of transformers with synthetic oils;
J. HAPL, Elektrotech. Obzor, 44, No. 11, 632-3 (1953)

In Cccp

Much research work has been done on the replacement of transformer oils by non-inflammable synthetic products of at least equally good dielectric and cooling properties as the best transformer oils used. The main types of such products are clophen, pyranol and pyralene. A useful comparison is presented of the essential characteristics of these products with those of high-grade transformer oils, particularly density, viscosity, dielectric constant and strength, inflammability, in convenient tabulations and also by an exact calculation of the dielectric stress on an oil-cooled and a pyralene-cooled transformer.

B. F. KRAUT

J. HAPL, J.
65. Windings for d.c. machines with two commutators. J. HAPL. Elektrotech. Obzor, 43, No. 1, 24-34 (1954) in Czech.

A description of a method for calculating windings of d.c. motors with two commutators. Special attention is paid to degenerated multi-parallel and series-parallel windings, where so-called lap-wave windings are recommended for the parallel operation of front and back commutator. Numerical tables are given for the practical application of the theory. H. NOREL

HAPI, J.

29 021511-1
1957 COMPENSATING WINDINGS IN D.C. MACHINES LIEBL
Elektrotech. Obzor, Vol. 13, No. 3, 127-34 (1956). In Czech

Parallel, multiple-parallel and series-parallel types of compensating windings are considered. Simple examples show how the correct number of commutator segments and the slot pitch may be determined directly without recourse to diagrams of coordinated coils or potential diagrams. Electrical Research Association